District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico Energy Minerals and Natural Resources

Form C-144 June 1, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure

	lk covered by a "general plan"? Yes ⊠ or below-grade tank ☐ Closure of a pit or below		
Operator: BP AMERICA PROD. CO. Address: 200 ENERGY COURT. FARMINGTON. Facility or well name: NEIL LS #14 County: SAN JUAN Latitude 36.90322 Longitude 10	NM 87410 API#: 30-045- 21027 U/L or 0	Qtr/Qtr A Sec 15	31N _R 11W
Pit Type: Drilling Production Disposal BLOW Workover Emergency Lined Unlined Liner type: Synthetic Thicknessmil Clay Pit Volumebbl	Below-grade tank Volume:bblType of fluid: Construction materia: Double-walled, with teak detection? Yes # I	f <u>int.</u> explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	0
	Ranking Score (Total Points)		0
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite □ If offsite, name of facility (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No □ Yes □ If yes, show depth below ground surfaceft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations. Additional Comments: PIT LOCATED APPROXIMATELY 78 FT. N45E FROM WELL HEAD. PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft PIT REMEDIATION: CLOSE AS IS: □, LANDFARM: □, COMPOST: □, STOCKPILE: □, OTHER □ (explain) Cubic yards: N/A			
BEDROCK BOTTOM I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank			
has been/will be constructed or closed according to NMOCD guidelines \(\times_{\text{, a general permit }} \equiv , or an alternative OCD-approved plan \(\times_{} \). Date: \(\text{12/29/05} \) PrintedName/Title \(\text{Jeff Blagg - P.E. # 11607} \) Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Approval: DEPUTY OIL & GAS INSPECTOR, DIST. Signature Signature Date: FEB 2 8 2005			



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point Composite @ 6'	Date Reported:	12-29-05
Laboratory Number:	35581	Date Sampled:	12-28-05
Chain of Custody No:	15241	Date Received:	12-29-05
Sample Matrix:	Soil	Date Extracted:	12-29-05
Preservative:	Cool	Date Analyzed:	12-29-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.4	0.2
Diesel Range (C10 - C28)	1.3	0.1
Total Petroleum Hydrocarbons	1.7	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Neil LS 14 Blow Pit.

Analyst C. Qui

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Blagg / BP	Project #:	94034-010
5-Point Composite @ 6'	Date Reported:	12-29-05
35581	Date Sampled:	12-28-05
15241	Date Received:	12-29-05
Soil	Date Analyzed:	12-29-05
Cool	Date Extracted:	12-29-05
Cool & Intact	Analysis Requested:	BTEX
	5-Point Composite @ 6' 35581 15241 Soil Cool	5-Point Composite @ 6' Date Reported: 35581 Date Sampled: 15241 Date Received: Soil Date Analyzed: Cool Date Extracted:

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	1.8	1.8	
Toluene	9.4	1.7	
Ethylbenzene	118	1.5	
p,m-Xylene	100	2.2	
o-Xylene	17.6	1.0	
Total BTEX	247		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Neil LS 14 Blow Pit.

Analyst C. Oxternal

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Chloride

Blagg / BP Project #: 94034-010 Client: 5-Point Composite @ 6' Date Reported: 12-29-05 Sample ID: Date Sampled: 12-28-05 Lab ID#: 35581 Soil Date Received: 12-29-05 Sample Matrix: Cool Date Analyzed: 12-29-05 Preservative: Condition: Cool and Intact Chain of Custody: 15241

Parameter

Concentration (mg/Kg)

Total Chloride

5.4

Reference:

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Neil LS 14 Blow Pit.

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico Energy Minerals and Natural Resources

Form C-144 June 1, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

Pit or Below-Grade Tank Registration or Closure
Is pit or below-grade tank covered by a "general plan"? Yes No

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒			
Operator: BP AMERICA PROD. CO.	Telephone: (505)-326-9200 e-m	-11 - 4 do	
Address: 200 ENERGY COURT, FARMINGTON.		all address:	
Facility or well name: NEIL LS #14	API#: 30-045- 21027 U/L or Qtr/	Otr. A Sec. 15 T 31N p 11W	
County: SAN JUAN Latitude 36.90322 Longitude 10			
County Landac Longitude	NAD. 1927 1965 Surface C	Which I cucial & State & I II vate & Indian	
Pit	Below-grade tank	- Maria Mari	
Type: Drilling Production Disposal SEPARATOR	Volume:bbl_Type-of-fluid:		
Workover ☐ Emergency ☐	Construction materia:	_	
Lined Unlined 🗵	Double-walled, with leak detection? Yes I If in	t, explain why not.	
Liner type: Synthetic Thickness mil Clay			
Pit Volumebbl			
Dorth to around vector (vectical distance from bottom of sit to account	Less than 50 feet	(20 points)	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points) 0	
night water elevation of ground water.)	100 feet or more	(0 points)	
W. III	Yes	(20 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points)	
water source, or less than 1000 feet from an other water sources.)			
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet 1000 feet or more	(10 points) 0	
	1000 feet of more	(0 points)	
	Ranking Score (Total Points)	0	
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if			
your are burying in place) onsite 🛛 offsite 🗀 If offsite, name of facility_	(3) Attach a general	description of remedial action taken including	
remediation start date and end date. (4) Groundwater encountered: No 🛛 '	Yes 🔲 If yes, show depth below ground surface	ft. and attach sample results. (5)	
Attach soil sample results and a diagram of sample locations and excavations.			
Additional Comments: PIT LOCATED APPROXIMATEL	Y 21 FT. S30E FROM WI	ELL HEAD.	
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/A ft., DEPTH N/Aft.		
PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C		explain) E8 2000	
Cubic yards: N/A		82	
		E UND DAN A	
		50 W W	
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that	the above-described pit or below-grade tank	
has been/will be constructed or closed according to NMOCD guideline	es 🗵, a general permit 🔲, or an alternative OCD-	approved plan .	
Date: 12/29/05			
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature			
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or			
otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Approval: Printed Name/Title OFFUTY OIL & GAS INSPECTOR, DIST. #3	21-011	FEB 2 8 2006	
Printed Name/Title	gnature RA DAM	Date: 1 LD 2 0 2000	

__ ONSITE: 12-28-05

TRAVEL NOTES:

CALLOUT:



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point Composite @ 4'	Date Reported:	12-29-05
Laboratory Number:	35582	Date Sampled:	12-28-05
Chain of Custody No:	15241	Date Received:	12-29-05
Sample Matrix:	Soil	Date Extracted:	12-29-05
Preservative:	Cool	Date Analyzed:	12-29-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,740	0.2
Diesel Range (C10 - C28)	417	0.1
Total Petroleum Hydrocarbons	2,160	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Neil LS 14 Sep Pit.

Analyst

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5-Point Composite @ 4'	Date Reported:	12-29-05
Laboratory Number:	35582	Date Sampled:	12-28-05
Chain of Custody:	15241	Date Received:	12-29-05
Sample Matrix:	Soil	Date Analyzed:	12-29-05
Preservative:	Cool	Date Extracted:	12-29-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

	_	Det.	
Parameter	Concentration (ug/Kg)	Limit (ug/Kg)	
Parameter	(ag/Ng)	(ug/Ng)	
Benzene	864	1.8	
Toluene	5,090	1.7	
Ethylbenzene	2,420	1.5	
p,m-Xylene	13,340	2.2	
o-Xylene	4,730	1.0	
Total BTEX	26,440		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Neil LS 14 Sep Pit.

Analyst P. Option

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Chloride

Blagg / BP Project #: 94034-010 Client: 5-Point Composite @ 4' Date Reported: 12-29-05 Sample ID: Date Sampled: 12-28-05 Lab ID#: 35582 Soil Date Received: 12-29-05 Sample Matrix: 12-29-05 Cool Date Analyzed: Preservative: Cool and Intact Chain of Custody: 15241 Condition:

Parameter

Concentration (mg/Kg)

Total Chloride

5.0

Reference:

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Neil LS 14 Sep Pit.

Analyst C. Columnia

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